

Refine Search

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Terms	Documents
L5 and (HWHGU54)	0

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L6

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DATE: Friday, April 21, 2006 [Printable Copy](#) [Create Case](#)

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result set

DB=USPT; PLUR=YES; OP=OR

<u>L6</u>	L5 and (HWHGU54)	0	<u>L6</u>
<u>L5</u>	6878687.pn.	1	<u>L5</u>
<u>L4</u>	L2 and (HWHGU54)	0	<u>L4</u>
<u>L3</u>	L2 and (SEQ ID NO:1562)	1	<u>L3</u>
<u>L2</u>	6590075.pn.	1	<u>L2</u>
<u>L1</u>	6600019.pn.	1	<u>L1</u>

END OF SEARCH HISTORY

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=> e rosen, c/au

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E2	1	ROSEN ZWEIG JAMES/AU
E3	0 -->	ROSEN, C/AU
E4	1	ROSENA BRUCE R/AU
E5	1	ROSENABUM S/AU
E6	1	ROSENACKER A F/AU
E7	1	ROSENACKER ARTHUR F/AU
E8	4	ROSENADA CEPERO R/AU
E9	1	ROSENAGER L/AU
E10	1	ROSENAK B/AU
E11	59	ROSENAK B D/AU
E12	25	ROSENAK D/AU

=> e ruben, s/au

E1	1	RUBEN ZANCHETTA JOSE/AU
E2	2	RUBEN ZORRO/AU
E3	0 -->	RUBEN, S/AU
E4	11	RUBENACH B/AU
E5	12	RUBENACH BERNHARD/AU
E6	2	RUBENACH GERZ K/AU
E7	1	RUBENACH I/AU
E8	1	RUBENACH J/AU

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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/ USPAT2
NEWS	4	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS	5	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	6	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	7	JAN 17	IPC 8 in the WPI family of databases including WPIFV
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NEWS	9	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	10	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	11	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	12	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	13	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS	14	FEB 28	TOXCENTER reloaded with enhancements
NEWS	15	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS	16	MAR 01	INSPEC reloaded and enhanced
NEWS	17	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	18	MAR 08	X.25 communication option no longer available after June 2006
NEWS	19	MAR 22	EMBASE is now updated on a daily basis
NEWS	20	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS	21	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS	22	APR 04	STN AnaVist \$500 visualization usage credit offered
NEWS	23	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS	24	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS	25	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS EXPRESS			FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/
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 E11 4 RUBENACH SALLY/AU
 E12 1 RUBENACH SALLY E/AU

=> s secreted protein
 3 FILES SEARCHED...
 L1 420416 SECRETED PROTEIN

=> s l1 and fragment
 L2 49571 L1 AND FRAGMENT

=> s l2 and human
 3 FILES SEARCHED...
 L3 48677 L2 AND HUMAN

=> ss l3 and (HWHGU54)
 L4 8 L3 AND (HWHGU54)

=> d l4 ti abs ibib tot

L4 ANSWER 1 OF 8 USPATFULL on STN
 TI 94 **human** secreted proteins
 AB The present invention relates to novel **human** secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing **human** secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel **human** secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:190160 USPATFULL
 TITLE: 94 **human** secreted proteins
 INVENTOR(S): Ruben, Steven M., Brookeville, MD, UNITED STATES
 Ni, Jian, Germantown, MD, UNITED STATES
 Rosen, Craig A., Laytonsville, MD, UNITED STATES
 Wei, Ying-Fei, Berkeley, CA, UNITED STATES
 Young, Paul, Gaithersburg, MD, UNITED STATES
 Florence, Kimberly, Rockville, MD, UNITED STATES
 Soppet, Daniel R., Centreville, VA, UNITED STATES
 Brewer, Laurie A., St. Paul, MN, UNITED STATES
 Endress, Gregory A., Florence, MA, UNITED STATES
 Carter, Kenneth C., North Potomac, MD, UNITED STATES
 Mucenski, Michael, Cincinnati, OH, UNITED STATES
 Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
 LaFleur, David W., Washington, DC, UNITED STATES
 Olsen, Henrik, Gaithersburg, MD, UNITED STATES
 Shi, Yanggu, Gaithersburg, MD, UNITED STATES
 Moore, Paul A., North Bethesda, MD, UNITED STATES
 Komatsoulis, George, Silver Spring, MD, UNITED STATES
 PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004146930	A1	20040729
APPLICATION INFO.:	US 2004-800834	A1	20040316 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2002-115123, filed on 4 Apr 2002, PENDING Division of Ser. No. US 1999-461325, filed on 14 Dec 1999, GRANTED, Pat. No. US 6475753 Continuation-in-part of Ser. No. WO 1999-US13418, filed on 15 Jun 1999, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-89507P	19980616 (60)
	US 1998-89508P	19980616 (60)
	US 1998-89509P	19980616 (60)
	US 1998-89510P	19980616 (60)
	US 1998-90112P	19980622 (60)
	US 1998-90113P	19980622 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	18341	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 2 OF 8 USPATFULL on STN
 TI Novel nucleic acids and polypeptides
 AB The present invention provides novel nucleic acids, novel polypeptide sequences encoded by these nucleic acids and uses thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:70018 USPATFULL
 TITLE: Novel nucleic acids and polypeptides
 INVENTOR(S): Tang, Y. Tom, San Jose, CA, UNITED STATES
 Liu, Chenghua, San Jose, CA, UNITED STATES
 Drmanac, Radoje T., Palo Alto, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004053245	A1	20040318
APPLICATION INFO.:	US 2003-276774	A1	20030624 (10)
	WO 2001-US3800		20010205
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	NUVELO, 675 ALMANOR AVE., SUNNYVALE, CA, 94085		
NUMBER OF CLAIMS:	28		
EXEMPLARY CLAIM:	1		
LINE COUNT:	18750		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L4 ANSWER 3 OF 8 USPATFULL on STN
 TI Methods and compositions for diagnosing and treating rheumatoid arthritis
 AB The invention provides methods and compositions for diagnostic assays for detecting R.A. and therapeutic methods and compositions for treating R.A. The invention also provides methods for designing, identifying, and optimizing therapeutics for R.A. Diagnostic compositions of the invention include compositions comprising detection agents for detecting one or more genes that have been shown to be up- or down-regulated in cells of R.A. relative to normal counterpart cells. Exemplary detection agents include nucleic acid probes, which can be in solution or attached to a solid surface, e.g., in the form of a microarray. The invention also provides computer-readable media comprising values of levels of expression of one or more genes that are up- or down-regulated in R.A.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:220740 USPATFULL
 TITLE: Methods and compositions for diagnosing and treating rheumatoid arthritis
 INVENTOR(S): Pittman, Debra D., Windham, NH, UNITED STATES

Feldman, Jeffrey L., Arlington, MA, UNITED STATES
Shields, Kathleen M., Harvard, MA, UNITED STATES
Trepicchio, William L., Andover, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003154032	A1	20030814
APPLICATION INFO.:	US 2001-23451	A1	20011217 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-255861P	20001215 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Patent Group, FOLEY, HOAG & ELIOT LLP, One Post Office Square, Boxton, MA, 02109	
NUMBER OF CLAIMS:	40	
EXEMPLARY CLAIM:	1	
LINE COUNT:	25385	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 8 USPATFULL on STN

TI **Secreted protein** HCEJQ69

AB The present invention relates to novel **human** secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing **human** secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel **human** secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:93790 USPATFULL

TITLE: **Secreted protein** HCEJQ69

INVENTOR(S): Ruben, Steven M., Olney, MD, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Wei, Ying-Fei, Berkeley, CA, UNITED STATES
Young, Paul, Gaithersburg, MD, UNITED STATES
Florence, Kimberly, Rockville, MD, UNITED STATES
Soppet, Daniel R., Centreville, VA, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
Endress, Gregory A., Florence, MA, UNITED STATES
Carter, Kenneth C., North Potomac, MD, UNITED STATES
Mucenski, Michael, Cincinnati, OH, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Olsen, Henrik, Gaithersburg, MD, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Moore, Paul A., Germantown, MD, UNITED STATES
Komatsoulis, George, Silver Spring, MD, UNITED STATES

PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003065151	A1	20030403
	US 6774216	B2	20040810
APPLICATION INFO.:	US 2002-115123	A1	20020404 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-461325, filed on 14 Dec 1999, PENDING Continuation-in-part of Ser. No. WO 1999-US13418, filed on 15 Jun 1999, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-89507P	19980616 (60)
	US 1998-89508P	19980616 (60)
	US 1998-89509P	19980616 (60)
	US 1998-89510P	19980616 (60)
	US 1998-90112P	19980622 (60)
	US 1998-90113P	19980622 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	94	
EXEMPLARY CLAIM:	1	
LINE COUNT:	18779	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 5 OF 8 USPATFULL on STN

TI **Secreted protein** HCEJQ69

AB The present invention relates to novel **human** secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing **human** secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel **human** secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:64730 USPATFULL

TITLE: **Secreted protein** HCEJQ69

INVENTOR(S): Ruben, Steven M., Olney, MD, UNITED STATES
 Ni, Jian, Germantown, MD, UNITED STATES
 Rosen, Craig A., Laytonsville, MD, UNITED STATES
 Wei, Ying-Fei, Berkeley, CA, UNITED STATES
 Young, Paul E., Gaithersburg, MD, UNITED STATES
 Florence, Kimberly A., Rockville, MD, UNITED STATES
 Soppet, Daniel R., Centreville, VA, UNITED STATES
 Brewer, Laurie A., St. Paul, MN, UNITED STATES
 Endress, Gregory A., Florence, MA, UNITED STATES
 Carter, Kenneth C., North Potomac, MD, UNITED STATES
 Mucenski, Michael, Cincinnati, OH, UNITED STATES
 Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
 LaFleur, David W., Washington, DC, UNITED STATES
 Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
 Shi, Yanggu, Gaithersburg, MD, UNITED STATES
 Moore, Paul A., Germantown, MD, UNITED STATES
 Komatsoulis, George A., Silver Spring, MD, UNITED STATES

PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003044851	A1	20030306
	US 6627741	B2	20030930
APPLICATION INFO.:	US 2001-12542	A1	20011212 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-461325, filed on 14 Dec 1999, PENDING Continuation-in-part of Ser. No. WO 1999-US13418, filed on 15 Jun 1999, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-89507P	19980616 (60)

US 1998-89508P	19980616 (60)
US 1998-89509P	19980616 (60)
US 1998-89510P	19980616 (60)
US 1998-90112P	19980622 (60)
US 1998-90113P	19980622 (60)

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
 ROCKVILLE, MD, 20850
 NUMBER OF CLAIMS: 71
 EXEMPLARY CLAIM: 1
 LINE COUNT: 18831
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 8 USPATFULL on STN
 TI 94 **Human** Secreted Proteins
 AB The present invention relates to novel **human** secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing **human** secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel **human** secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:290742 USPATFULL
 TITLE: 94 **Human** Secreted Proteins
 INVENTOR(S): Ruben, Steven M., Olney, MD, United States
 Ni, Jian, Rockville, MD, United States
 Rosen, Craig A., Laytonsville, MD, United States
 Wei, Ying-Fei, Berkeley, CA, United States
 Young, Paul, Gaithersburg, MD, United States
 Florence, Kimberly, Rockville, MD, United States
 Soppet, Daniel R., Centreville, VA, United States
 Brewer, Laurie A., St. Paul, MN, United States
 Endress, Gregory A., Potomac, MD, United States
 Carter, Kenneth C., Potomac, MD, United States
 Mucenski, Michael, Cincinnati, OH, United States
 Ebner, Reinhard, Gaithersburg, MD, United States
 Lafleur, David W., Washington, DC, United States
 Olsen, Henrik, Gaithersburg, MD, United States
 Shi, Yanggu, Gaithersburg, MD, United States
 Moore, Paul A., Germantown, MD, United States
 Komatsoulis, George, Silver Spring, MD, United States
 PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6475753	B1	20021105
APPLICATION INFO.:	US 1999-461325		19991214 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 1999-US13418, filed on 15 Jun 1999		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-89507P	19980616 (60)
	US 1998-89508P	19980616 (60)
	US 1998-89509P	19980616 (60)
	US 1998-89510P	19980616 (60)
	US 1998-90112P	19980622 (60)
	US 1998-90113P	19980622 (60)
DOCUMENT TYPE:	Utility	

FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Eyler, Yvonne
ASSISTANT EXAMINER: Hamud, Fozia
LEGAL REPRESENTATIVE: Human Genome Sciences, Inc.
NUMBER OF CLAIMS: 37
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 18031
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 8 DGENE COPYRIGHT 2006 The Thomson Corp on STN
TI New isolated **human** genes and the secreted polypeptides they
encode, useful for diagnosis and treatment of e.g. cancers, neurological
disorders, immune diseases, inflammation or blood disorders -
AN AAY86217 Protein DGENE
AB AAZ97019 to AAZ97137 represent 94 isolated **human**
secreted protein genes. AAY86215 to AAY86333 are the
secreted proteins encoded by the 94 **human** genes. This sequence
represents a **fragment** of one of the **human** secreted
proteins. The genes and their corresponding secreted polypeptides are
useful for preventing, treating or ameliorating medical conditions, e.g.,
by protein or gene therapy. Also pathological conditions can be diagnosed
by determining the amount of the new polypeptides in a sample or by
determining the presence of mutations in the new genes. Specific uses are
described for each of the 94 genes, based on which tissues they are most
highly expressed in, and include developing products for the diagnosis or
treatment of cancer, tumours, developmental abnormalities and foetal
deficiencies, blood disorders, diseases of the immune system, autoimmune
diseases, inflammation, allergies, Alzheimer's and cognitive disorders,
schizophrenia, arthritis, asthma, psoriasis, sepsis, skin disorders,
atherosclerosis, diabetes, cardiovascular disorders, kidney disorders,
digestive/endocrine disorders, infections and AIDS. The polypeptides are
also useful for identifying their binding partners. The sequences shown
in AAY86334 to AAY86585 represent fragments of the secreted proteins.

ACCESSION NUMBER: AAY86217 Protein DGENE
TITLE: New isolated **human** genes and the secreted
polypeptides they encode, useful for diagnosis and treatment
of e.g. cancers, neurological disorders, immune diseases,
inflammation or blood disorders -
INVENTOR: Ruben S M; Ni J; Rosen C A; Wei Y; Young P E; Florence K A;
Soppet D R; Brewer L A; Endress G A; Carter K C; Mucenski M;
Ebner R; Lafleur D W; Olsen H S; Shi Y; Moore P A;
Komatsoulis G

PATENT ASSIGNEE: (HUMA-N)HUMAN GENOME SCI INC.

PATENT INFO: WO 9966041 A1 19991223 586

APPLICATION INFO: WO 1999-US13418 19990615

PRIORITY INFO: US 1998-89507 19980616

US 1998-89508 19980616

US 1998-89509 19980616

US 1998-89510 19980616

US 1998-90112 19980622

US 1998-90113 19980622

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-106100 [09]

CROSS REFERENCES: N-PSDB: AAZ97021

DESCRIPTION: **Human secreted protein**
HWHGU54, SEQ ID NO:132.

L4 ANSWER 8 OF 8 DGENE COPYRIGHT 2006 The Thomson Corp on STN
TI New isolated **human** genes and the secreted polypeptides they
encode, useful for diagnosis and treatment of e.g. cancers, neurological
disorders, immune diseases, inflammation or blood disorders -

AN AAZ97021 cDNA DGENE

AB AAZ97019 to AAZ97137 represent 94 isolated **human secreted protein** genes. AAY86215 to AAY86333 are the secreted proteins encoded by the 94 **human** genes. This sequence represents a **fragment** of one of the **human** secreted proteins. The genes and their corresponding secreted polypeptides are useful for preventing, treating or ameliorating medical conditions, e.g., by protein or gene therapy. Also pathological conditions can be diagnosed by determining the amount of the new polypeptides in a sample or by determining the presence of mutations in the new genes. Specific uses are described for each of the 94 genes, based on which tissues they are most highly expressed in, and include developing products for the diagnosis or treatment of cancer, tumours, developmental abnormalities and foetal deficiencies, blood disorders, diseases of the immune system, autoimmune diseases, inflammation, allergies, Alzheimer's and cognitive disorders, schizophrenia, arthritis, asthma, psoriasis, sepsis, skin disorders, atherosclerosis, diabetes, cardiovascular disorders, kidney disorders, digestive/endocrine disorders, infections and AIDS. The polypeptides are also useful for identifying their binding partners. The sequences shown in AAY86334 to AAY86585 represent fragments of the secreted proteins.

ACCESSION NUMBER: AAZ97021 cDNA DGENE

TITLE: New isolated **human** genes and the secreted polypeptides they encode, useful for diagnosis and treatment of e.g. cancers, neurological disorders, immune diseases, inflammation or blood disorders -

INVENTOR: Ruben S M; Ni J; Rosen C A; Wei Y; Young P E; Florence K A; Soppet D R; Brewer L A; Endress G A; Carter K C; Mucenski M; Ebner R; Lafleur D W; Olsen H S; Shi Y; Moore P A; Komatsoulis G

PATENT ASSIGNEE: (HUMA-N)HUMAN GENOME SCI INC.

PATENT INFO: WO 9966041 A1 19991223 586

APPLICATION INFO: WO 1999-US13418 19990615

PRIORITY INFO: US 1998-89507 19980616
US 1998-89508 19980616
US 1998-89509 19980616
US 1998-89510 19980616
US 1998-90112 19980622
US 1998-90113 19980622

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-106100 [09]

CROSS REFERENCES: P-PSDB: AAY86217

DESCRIPTION: **Human secreted protein** gene 3
cDNA clone **HWHGU54**, SEQ ID NO:13.